

## A B S T R A C T

~~A CIRCUIT FOR AND A METHOD OF RECEIVING OR TRANSMITTING  
MICROWAVES~~

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The invention relates to a circuit for receiving (or transmitting) microwaves, the circuit comprising radiating means (144) for receiving (or transmitting) microwaves, filter means for eliminating microwaves transmitted (or received) at different frequencies by the radiating means and means for amplifying the received (or transmitted) microwaves. The circuit includes a first (or last) stage (150, 152; 182, 184) connected to the radiating means comprising a planar filter (150; 182) whose rejectivity for transmit (or receive) frequencies is a fraction, preferably a small fraction, of the total rejectivity needed to eliminate transmit (or receive) frequencies and an amplifier (152; 184) whose gain is a fraction of the total gain of the circuit. The planar filter of the first (or last) stage is preferably connected directly to the radiating means. The noise seen by the radiating means is minimized.

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Translation of the title and the abstract as they were when originally filed by the Applicant. No account has been taken of any changes that may have been made subsequently by the PCT Authorities acting ex officio, e.g. under PCT Rules 37.2, 38.2, and/or 48.3.